AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

1. (cancelled)

2. (cancelled)

3. (original) A system for navigating a magnetic medical device within that part of a patient located within a operating region of the system, the system comprising:

at least three magnets configured and arranged in substantially in a plane to provide a magnetic field effective within the operating region to navigate the magnetic medical device within the operating region.

4. (original) The system according to claim 3 wherein the magnets are capable of generating a magnet filed within the operating of at least 0.1 in any direction.

5. (original) The system of claim 3 wherein the magnets are electromagnetic coils, and wherein the axis of at least one of the coils is not perpendicular to the plane.

6. (previously presented) A system for navigating a magnetic medical device within that part of a patient located within a operating region of the system, the system comprising:

at least three electromagnet coils configured and arranged substantially in a plane, but with the axis of at least one of the coils not perpendicular to the plane, such that the axes of the coils coverage, to provide a magnetic field effective within the operating region to navigate the magnetic medical device within the operating region.

7. (previously presented) A system for navigating a magnetic medical device within that part of a patient located within a operating region of the system, the system comprising:

at least three magnets configured and arranged in substantially in a plane to provide a magnetic field effective within the operating region to navigate the magnetic medical device within the operating region; and

an imaging system comprising an amorphous silicon imaging plate and an X-ray generating tube having a beam directed at the imaging plate, wherein at least the amorphous silicon imaging plate is within an effective magnetic field of the at least three magnetic coils.

8. (currently amended) The system according to claim 6 further comprising a bi-planar imaging system comprising:

a C-arm, having a generally C-shaped support adapted to rotate about its central axis, and a mount for mounting the C-shaped support to pivot about two generally perpendicular axes that are perpendicular to the central axis of the C-shaped support;

first and second imaging devices mounted on the C-shaped support, each imaging device comprising an imaging beam source mounted on the C-arm and first and second image receptors mounted on arms extending generally parallel with the imaging beams, the arms extending from the C-shaped support generally adjacent the imaging beam source.

9. (previously presented) A system for navigating a magnetic medical device within that part of a patient located within a operating region of the system, the system comprising:

at least three magnets configured and arranged in substantially in a plane to provide a magnetic field effective within the operating region to navigate the magnetic medical device within the operating region; and

a bi-planar imaging system comprising:

a C-arm, having a generally C-shaped support adapted to rotate about its central axis, and a mount for mounting the C-shaped support to pivot about two generally perpendicular axes that are perpendicular to the central axis of the C-shaped support;

first and second imaging devices mounted on the C-shaped support, each imaging device comprising an imaging beam source including an x-ray generating tube, mounted on the C-arm and first and second image receptors comprising amorphous silicon imaging plates, mounted on arms extending generally parallel with the imaging beams, the arms extending from the C-shaped support generally adjacent the imaging beam source.

10. (original) A system for applying a magnetic field to a patient's body sufficient to magnetically navigate a magnetically responsive element in the patient's body, the system comprising:

four electromagnets arranged substantially in a plane.

11. (original) The system according to claim 10 wherein the plan is generally vertical.

12. (previously presented) A system for applying a magnetic field to a patient's body sufficient to magnetically navigate a magnetically responsive element in the patient's body, the system comprising:

four electromagnets arranged substantially in a generally vertical plane arranged in two rows of two.

13. (previously presented) The system according to claim 10 wherein the magnets are arranged in a square pattern, with a magnet generally entered at each corner of the square.

14. (original) The system according to claim 10 wherein the four magnets are arranged in two rows of two.

15. (original) The system according to claim 14 wherein the magnets are arranged in a square pattern with a magnet generally centered at each corner of the square.

16. (previously presented) A system for applying a magnetic field to a patient's body sufficient to magnetically navigate a magnetically responsive element in the patient's body, the system comprising:

a patient support for supporting a patient;

a magnet assembly comprising a support adjacent the patient support, and four electromagnets mounted on the support and arranged substantially in a plane.

17. (original) The system according to claim 16 wherein the patient support comprises a bed having a head and a foot, and wherein the magnet assembly is positioned at the head of the bed.

18. (original) The system according to claim 17 wherein the four electromagnets are arranged substantially in a vertical plane.

19. (previously presented) A system for applying a magnetic field to a patient's body sufficient to magnetically navigate a magnetically responsive element in the patient's body, the system comprising:

a patient support for supporting a patient comprising a bed having a head and a foot, and wherein the magnet assembly is positioned at the head of the bed;

a magnet assembly comprising a generally planar support adjacent the patient support, and four electromagnets mounted on the planar support and arranged substantially in a vertical plane the four electromagnets are arranged in two rows of two magnets.

20. (previously presented) The system according to claim 8 wherein the imaging be sources include x-ray generating tubs, and wherein the first and second image receptors are amorphous silicon imaging plates.